(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 23 December 2004 (23.12.2004)

PCT

(10) International Publication Number WO 2004/110639 A2

(51) International Patent Classification⁷: 15/06, F02C 3/30

B05B 1/20,

(21) International Application Number:

PCT/IB2004/002044

(22) International Filing Date: 16 June 2004 (16.06.2004)

(25) Filing Language:

Italian

(26) Publication Language:

English

(30) Priority Data: MI2003A001244 19 June 2003 (19.06.2003)

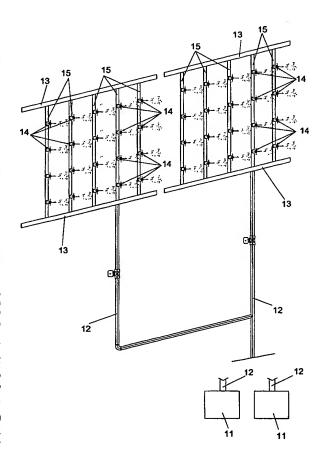
- (71) Applicant (for all designated States except US): EDOARDO LOSSA S.P.A. [IT/IT]; Via De Nicola 26, I-20090 Cesano Boscone Milan (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BEVILACQUA, Leopoldo [CH/CH]; Brunaustrasse 17, CH-8002 Zurich

(CH). GASPARETTO, Roberto [IT/IT]; Via Russoli 7, I-20142 Milan (IT). DI RIENZO, Aldo [IT/IT]; Via Duccio da Boninsegna 3/B, I-20094 Assago, Milan (IT).

- (74) Agents: COPPO, Alessandro et al.; Ing. Barzano' & Zanardo Milano S.p.A., Via Borgonuovo 10, I-20121 Milan
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: VAPORIZATION WATER DISTRIBUTION PLANT



(57) Abstract: A vaporization water distribution plant consisting of at least one feeding collector (13) with nozzle-holder ramps (15) equipped with a series of nozzles (14), in which there are tighteners (18, 24) both for the assembly and blockage of the nozzle-holder ramps (15) with respect to at least one collector (13) and also of the nozzles (14) to the nozzle-holder ramps (15), both blockages being effected with the interposition of washers (22, 27). The dimension and configuration of the vaporization water distribution plant is such as to be able to tolerate the operating condition\$ established by use in vaporization chambers and by the functioning characteristics of feeding pumps (11), installed upstream of the present plant.

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.